

IN THE SPECIFICATION

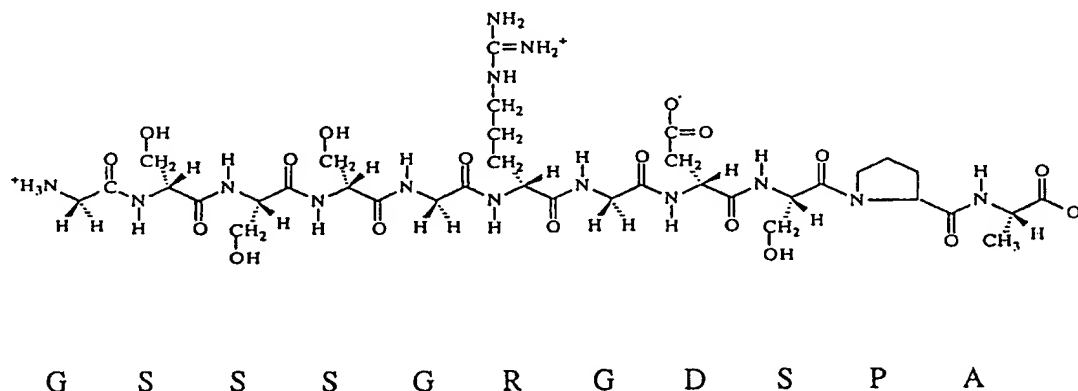
Please amend the specification on page 7, lines 15-25 as follows:

In another embodiment, the surfactant polymer comprises a plurality of hydrophilic oligopeptide side chains capable of interacting with specific protein receptors on the surface of animal cells such as, for example, endothelial cells. The oligopeptide side chains act as ligands for binding the cells to the surface of the biomaterial. The oligopeptide side chains comprise from about 3 to about 30 amino acid residues. Preferably, the oligopeptide comprises the amino acid sequence SEQ ID No. 1 (RGD), more preferably SEQ ID No. 2 (RGDS), most preferably SEQ ID No. 3 (RGDSP). Alternatively, the oligopeptide comprises one of the following amino acid sequences: (i) SEQ ID No. 4 (RRAR), (ii) SEQ ID No. 5 (RRRKRR), (iii) SEQ ID No. 6 (PPRRARVT), or (iv) SEQ ID No. 7 (PPREVVPRPRP). In a preferred embodiment the oligopeptide comprises the sequence SEQ ID No. 8 (GSSSGRGDSPX), wherein X is alanine or another hydrophobic amino acid residue. The oligopeptide ligands are linked to the homopolymer backbone by an ester linkage, a secondary amine linkage, or an amide linkage.

Please amend the specification on page 20, lines 10-18 as follows:

B. *Syntheses of the Peptide*

The initial peptide was synthesized with a solid phase peptide synthesizer (SPPS), utilizing common solvents, packing resins and capped amino acids. This peptide SEQ ID No. 8, is an eleven amino acid molecule having the following sequence:



The peptide was then purified by preparatory scale-high performance liquid chromatography (HPLC) and characterized for composition by mass spectroscopy and HPLC. An average yield per batch is about 60-80 mg of pure (>98%) product. The product was then stored in a -20°C freezer to minimize moisture uptake.